

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E89706

**Participation :** CTR

**Employer :** Virginia Mason Medical Center

**Status :** Affected

**Worksite :** Federal Way

**Survey Type :** Paper

**Street :** 33501 1st Way S

**Response Rate :** 65%

**Jurisdiction :** City of Federal Way

**Survey Date :** 6/3/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 1.6%

**Drive Alone Rate :** 98.4%

**One-Way VMT per employee :** 14.3

**Average One-Way distance home to work :** 21.5

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 265

**Surveys Distributed :** 173

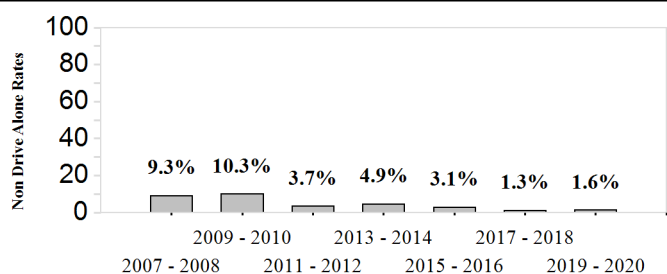
**Surveys Returned :** 113

**Surveys Returned by CTR Affected\* Employees :** 98

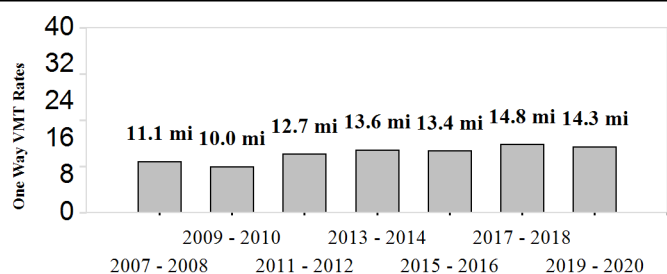
**Total Estimated CTR Affected Employees at Worksite :** 150

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

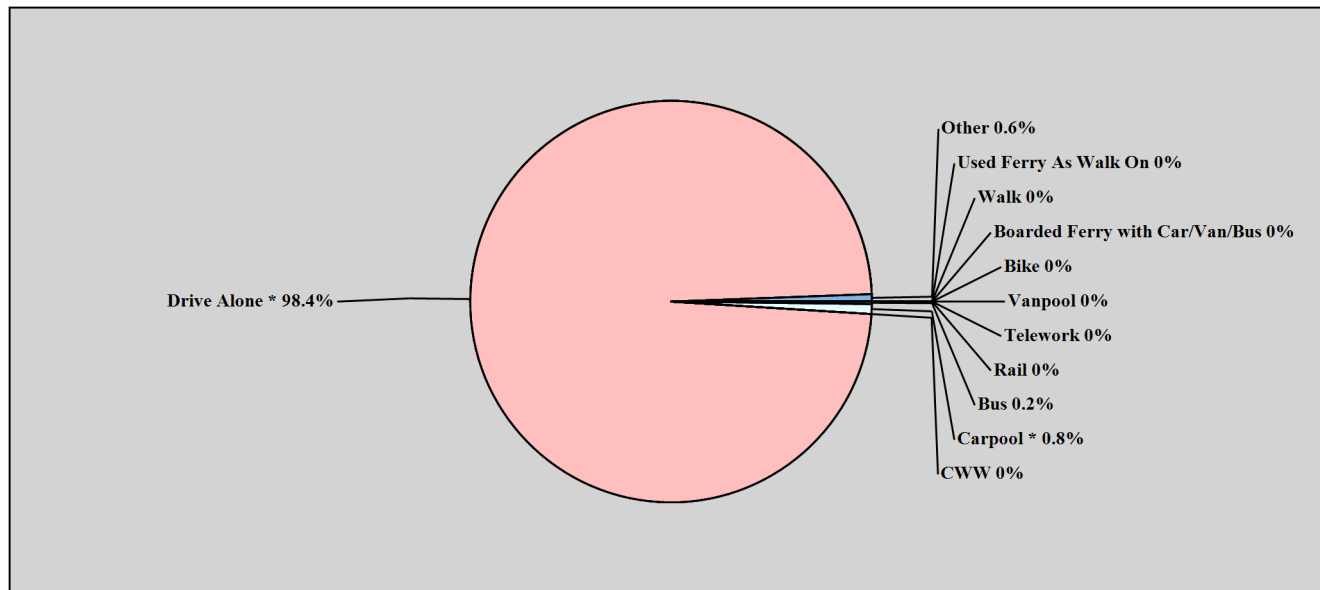
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	9.3%	9.9%	305	619	20.6	11.1	11.0
2009 - 2010	10.3%	10.3%	259	539	17.9	10.0	10.1
2011 - 2012	3.7%	3.8%	429	701	23.3	12.7	12.6
2013 - 2014	4.9%	4.9%	298	789	26.3	13.6	13.7
2015 - 2016	3.1%	3.5%	270	714	23.8	13.4	13.6
2017 - 2018	1.3%	1.5%	257	763	25.4	14.8	15.8
Target	24.4%				Target:	10.9	
% Point Change Target:	15.1				% Change Target:	-1.8%	
% Point Change from Baseline:	-7.7				% Change from Baseline:	28.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



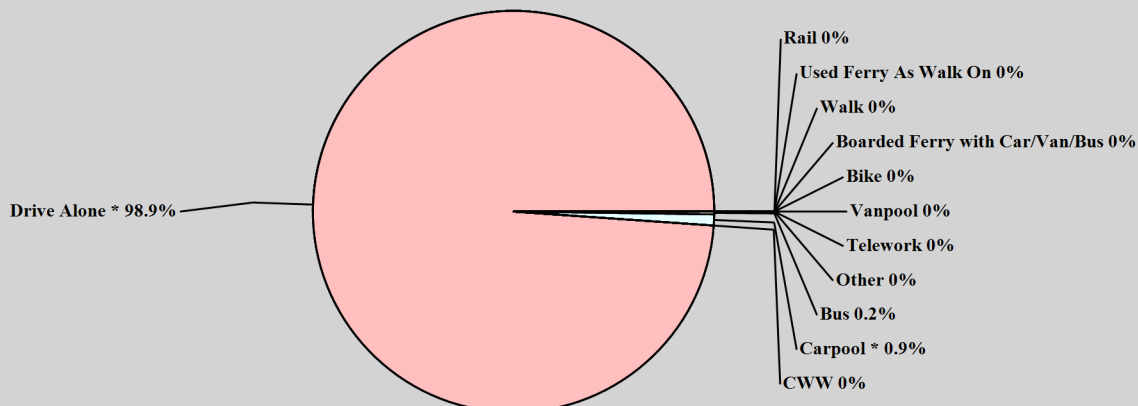
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	498	98.4%	98.7%	108	95.6%	87.2%
Carpool *	4	0.8%	1.3%	2	1.8%	1.1%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	1	0.2%	0.0%	1	0.9%	0.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	3	0.6%	0.0%	1	0.9%	0.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	447	98.9%	98.5%	95	96.9%	98.5%
Carpool *	4	0.9%	1.5%	2	2.0%	1.5%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	1	0.2%	0.0%	1	1.0%	0.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	0	0.0%	0.0%	0	0.0%	0.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	109	96%	113	100%
<b>1 Days</b>	1	1%	4	4%
<b>2 Days</b>	2	2%	3	3%
<b>3 Days</b>	1	1%	1	1%
<b>4 Days</b>	0	0%	0	0%
<b>5 Days</b>	0	0%	0	0%
<b>6 or More Days</b>	0	0%	0	0%

**Count by Occupancy of Carpools and Vanpools**

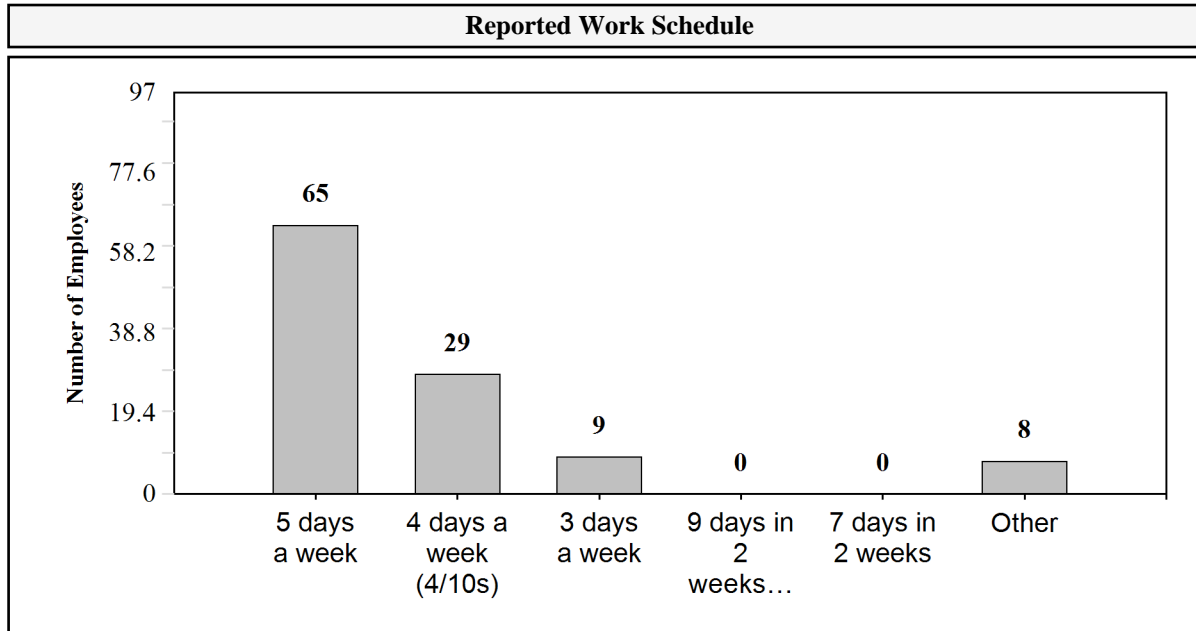
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	4
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

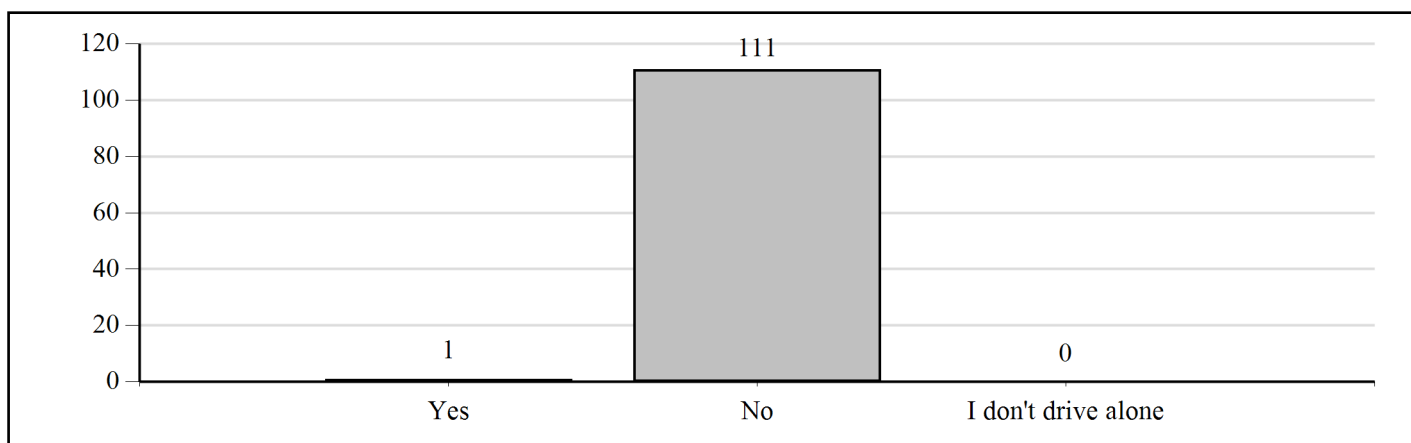
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	65	58.6%
4 days a week (4/10s)	29	26.1%
3 days a week	9	8.1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	8	7.2%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	1.8%
I don't telework	108	95.6%
Occasionally, on an as-needed basis	2	1.8%
1-2 days/month	1	0.9%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	22	20.4%
To save money	17	15.7%
Cost of parking or lack of parking	14	13.0%
To save time using the HOV lane	14	13.0%
Personal health or well-being	10	9.3%
Financial incentives for carpooling, bicycling or walking.	7	6.5%
Free or subsidized bus, train, vanpool pass or fare benefit	6	5.6%
Emergency ride home is provided	6	5.6%
Driving myself is not an option	5	4.6%
Environmental and community benefits	5	4.6%
I receive a financial incentive for giving up my parking space	1	0.9%
Preferred/reserved carpool/vanpool parking is provided	1	0.9%
I have the option of teleworking	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	81	29.8%
Riding the bus or train is inconvenient or takes too long	61	22.4%
Family care or similar obligations	45	16.5%
My commute distance is too short	44	16.2%
Other	18	6.6%
Bicycling or walking isn't safe	16	5.9%
My job requires me to use my car for work	3	1.1%
There isn't any secure or covered bicycle parking	3	1.1%
I need more information on alternative modes	1	0.4%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98023	19	16.81%	81	0	0	0	1	0	0	0	0	0	0	0	0
98003	12	10.62%	58	0	0	0	0	0	0	0	0	0	0	0	0
98092	8	7.08%	35	0	0	0	0	0	0	0	0	0	0	0	3
98001	6	5.31%	28	0	0	0	0	0	0	0	0	0	0	0	0
98391	5	4.42%	22	0	0	0	0	0	0	0	0	0	0	0	0
98058	4	3.54%	20	0	0	0	0	0	0	0	0	0	0	0	0
98422	4	3.54%	19	2	0	0	0	0	0	0	0	0	0	0	0
	3	2.65%	7	0	0	0	0	0	0	0	0	0	0	0	0
98002	3	2.65%	15	0	0	0	0	0	0	0	0	0	0	0	0
98042	3	2.65%	12	0	0	0	0	0	0	0	0	0	0	0	0
98372	3	2.65%	14	0	0	0	0	0	0	0	0	0	0	0	0
98374	3	2.65%	11	0	0	0	0	0	0	0	0	0	0	0	0
98030	2	1.77%	6	2	0	0	0	0	0	0	0	0	0	0	0
98031	2	1.77%	7	0	0	0	0	0	0	0	0	0	0	0	0
98032	2	1.77%	10	0	0	0	0	0	0	0	0	0	0	0	0
98118	2	1.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
98146	2	1.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98371	2	1.77%	7	0	0	0	0	0	0	0	0	0	0	0	0
98373	2	1.77%	12	0	0	0	0	0	0	0	0	0	0	0	0
98387	2	1.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
98404	2	1.77%	10	0	0	0	0	0	0	0	0	0	0	0	0
98444	2	1.77%	12	0	0	0	0	0	0	0	0	0	0	0	0
98466	2	1.77%	8	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.88%	4	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.88%	6	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.88%	6	0	0	0	0	0	0	0	0	0	0	0	0





			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98056	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.88%	4	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.88%	4	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.88%	6	0	0	0	0	0	0	0	0	0	0	0	0
98327	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98338	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.88%	6	0	0	0	0	0	0	0	0	0	0	0	0
98403	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98405	1	0.88%	4	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98409	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0
98516	1	0.88%	5	0	0	0	0	0	0	0	0	0	0	0	0